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(51) International Patent Classification 6: WO 98/09657 (11) International Publication Number: A61K 48/00 A2 (43) International Publication Date: 12 March 1998 (12.03.98) (74) Agents: KODROFF, Cathy, A. et al.; Howson & Howson, (21) International Application Number: PCT/US97/15692 Spring House Corporate Center, P.O. Box 457, Spring House, PA 19477 (US). (22) International Filing Date: 4 September 1997 (04.09.97) (30) Priority Data: (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, 08/708,188 6 September 1996 (06.09.96) US 08/729,061 10 October 1996 (10.10.96) US GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, (6) Parent Applications or Grants TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, (63) Related by Continuation KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, US 08/708,188 (CIP) BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, Filed on 6 September 1996 (06.09.96) US 08/729,061 (CIP) Filed on 10 October 1996 (10.10.96) ML, MR, NE, SN, TD, TG). (71) Applicant (for all designated States except US): TRUSTEES **Published** OF THE UNIVERSITY OF PENNSYLVANIA [US/US]; Without international search report and to b Suite 300, 3700 Market Street, Philadelphia, PA 19104-3147 upon receipt of that report. (US). (72) Inventors; and (75) Inventors/Applicants (for US only): WILSON, James, M. [US/US]; 1350 N. Avignon Drive, Gladwyne, PA 19035 (US). FISHER, Krishna, J. [US/US]; 2338 Nashville Av-

(54) Title: METHOD FOR RECOMBINANT ADENO-ASSOCIATED VIRUS-DIRECTED GENE THERAPY

#### (57) Abstract

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A method of prolonging gene expression by reducing immune response to a recombinant adeno-associated virus (AAV) bearing a desired gene administered into the muscle of a mammal is described.

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